

dizzer[®] XL

Ultrafiltration modules



LENNTECH

WATER TREATMENT SOLUTIONS

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dizzer® XL - Ultrafiltration modules

- Excellent efficiency and high output
- Easy installation, plug-and-play operation
- Compact design
- Low operating costs

dizzer® modules with Multibore® 0.9 membrane

Module data			dizzer® XL 0.9 MB 60 W		dizzer® XL 0.9 MB 38 W	
Part number			VK-0068		VK-0070	
Membrane area	m ²	sq.ft.	60	645	38	410
Length with end cap (L)	mm	inch	1680 ± 3	66 1/8	1180 ± 3	46 1/2
Length without end cap (L1)	mm	inch	1486 ± 1.5	58 1/2	986 ± 1.5	38 3/4
Distance feed connectors (L2)	mm	inch	1600 ± 3	63	1100 ± 3	43 1/2
Distance feed – module center axis (A)	mm	inch	165	6 1/2	165	6 1/2
Distance feed – filtrate connector (B)	mm	inch	190 ± 1.5	7 1/2	190 ± 1.5	7 1/2
Outer diameter end cap coupling max. (C)	mm	inch	295	11 5/8	295	11 5/8
Outer diameter module (D)	mm	inch	250	9 7/8	250	9 7/8
Connector flexible victaulic (d1)		inch			2	
Weight* (wet)	kg	lbs.	55	120	40	90

dizzer® modules with Multibore® 1.5 membrane

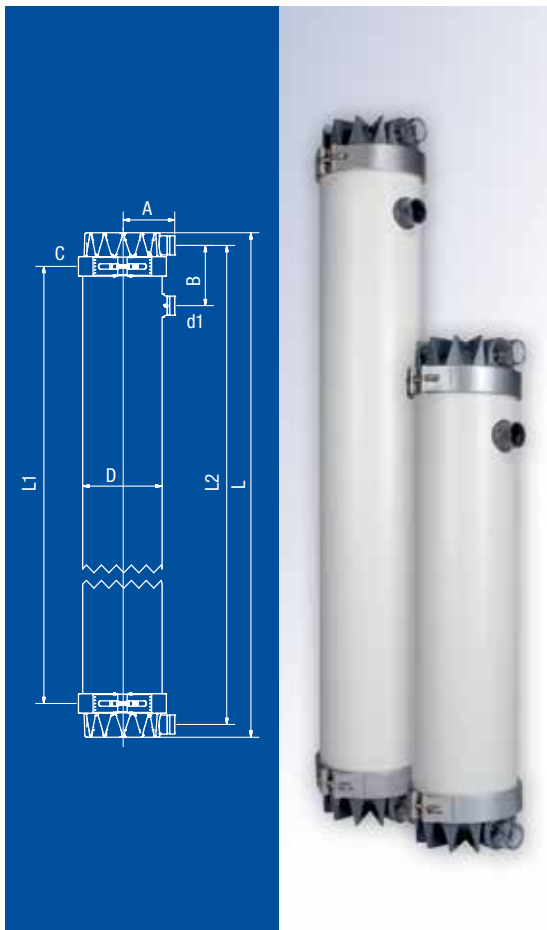
Module data			dizzer® XL 1.5 MB 40 W		dizzer® XL 1.5 MB 25 W	
Part number			VK-0069		VK-0071	
Membrane area	m ²	sq.ft.	40	430	25	270
Length with end cap (L)	mm	inch	1680 ± 3	66 1/8	1180 ± 3	46 1/2
Length without end cap (L1)	mm	inch	1486 ± 1.5	58 1/2	986 ± 1.5	38 3/4
Distance feed connectors (L2)	mm	inch	1600 ± 3	63	1100 ± 3	43 1/3
Distance feed – module center axis (A)	mm	inch	165	6 1/2	165	6 1/2
Distance feed – filtrate connector (B)	mm	inch	190 ± 1.5	7 1/2	190 ± 1.5	7 1/2
Outer diameter end cap coupling max. (C)	mm	inch	295	11 5/8	295	11 5/8
Outer diameter module (D)	mm	inch	250	9 7/8	250	9 7/8
Connector flexible victaulic (d1)		inch			2	
Weight* (wet)	kg	lbs.	55	120	40	90

Technical information

Material						
Housing						PVC-U, white
End cap						PVC-U, grey
End cap coupling						SS (sealing EPDM)
Operation parameters						
Pressure max.	bar	psi	5			73
Temperature range	°C	°F	1 – 40			34 – 104

* shipping weight

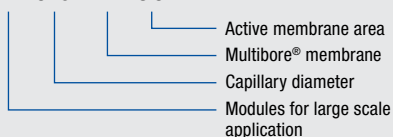
® = Registered trademark of BASF



Modules for large scale application

Module designation:

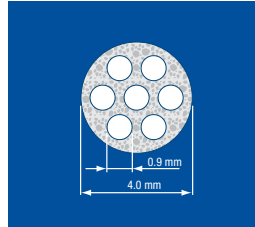
dizzer® XL 0.9 MB 60 W



Multibore® 0.9 and 1.5 membranes

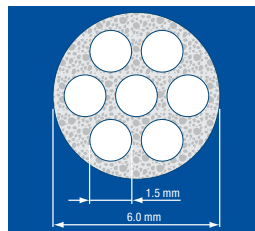
Multibore® 0.9 membrane

Membrane data		
Capillaries per fibre		7
Inner diameter	mm	0.9
Outer diameter	mm	4.0
Pore size	µm	approx. 0.02
Material		PESM



Multibore® 1.5 membrane

Membrane data		
Capillaries per fibre		7
Inner diameter	mm	1.5
Outer diameter	mm	6.0
Pore size	µm	approx. 0.02
Material		PESM



Technical information

Cleaning/disinfection chemicals		Multibore® 0.9 and 1.5 membrane	
Free chlorine	ppm ppm x h	max. 200 max. 200,000 (at pH ≥ 9.5)	
H ₂ O ₂ (Hydrogenperoxide)	ppm	max. 500	
Caustic Soda pH		max. 13	
Acid pH		min. 1	
Flux rate			
Filtration*	l/(m ² h)	gfd	60 – 180 35 – 105
Backwash standard	l/(m ² h)	gfd	230 135
Backwash range	l/(m ² h)	gfd	230 – 300 135 – 175
Transmembrane pressure (TMP)			
Filtration*	bar	psi	0.1 – 1.5 1.5 – 20
Backwash standard*	bar	psi	0.3 – 3.0 5 – 40
Burst pressure membrane	bar	psi	> 10 > 150

* Specifications apply to common operating conditions.



Subject to technical modifications and errors. Modules are to be operated in accordance with the relevant inge® „Operator's Manual“. Customized configurations are available on request. Please contact the inge GmbH team if you require any further information.

Note

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Technical Specification dizzer XL MB 4(2014-01) E inge



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